

20001005.ba v03_n001.bam.20001005

>From ???@??? Thu Oct 5 12:59:52 2000 -0500
Date: Thu, 5 Oct 2000 12:57:38 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3001
Message-Id: <20001005180128.3514B304@devel43.theporch.com>

BOATANCHORS Digest 3001

Topics covered in this issue include:

- 1) My new web site
by michael watts <wy6k@yahoo.com>
- 2) Re: GB> Hmmmmm....
by "Don Ehrlich" <ehrlich@olypen.com>
- 3) 75A-3 product detector????
by MODSTEPH@ACS.EKU.EDU
- 4) Re: GB> Hmmmmm....
by Arden Allen <gumbear@pacbell.net>
- 5) Re: GB> Hmmmmm....
by "Richard Brunner" <rbrunner@gis.net>
- 6) RE: My new web site
by "Bill Hawkins" <bill@iaxs.net>
- 7) Re: 75A-3 product detector????
by Don Reaves <dr@cei.net>
- 8) Tool Box Needed
by Dick Dillman <ddillman@igc.org>
- 9) Re: Replacement transistor in CU-5069 multicoupler
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 10) RE: BA Batteries info
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 11) Re: Replacement transistor in CU-5069 multicoupler
by Al Klase <skywaves@bw.webex.net>
- 12) RE: Six Metres, anyone?
by "Ed Sieb" <sieb@sympatico.ca>
- 13) RE: Shure Hand Mic
by "Ed Sieb" <sieb@sympatico.ca>
- 14) TR4 fs
by "w2tu" <w2tu@email.msn.com>
- 15) Forest Service Radio Type KU-R
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 16) Re: Replacement transistor in CU-5069 multicoupler
by "Mike Feher" <n4fs@monmouth.com>
- 17) ADMINISTRIVIA: Using The Archives
by listtown@jackatak.theporch.com (Mail List Owner)
- 18) Eico mpx adapter

by Richard Post <post@ouvaxa.cats.ohiou.edu>
19) WTB Tek 543 Manual, for Museum.
by Roy Morgan <roy.morgan@nist.gov>
20) Wrapping Power Tubes??wq
by John Poulton <jp@cs.unc.edu>

Message-ID: <20001004232735.99847.qmail@web3208.mail.yahoo.com>
Date: Wed, 4 Oct 2000 16:27:35 -0700 (PDT)
From: michael watts <wy6k@yahoo.com>
Subject: My new web site
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

At least one guy has had trouble getting the pretty little glowing buttons on my web site to load. If you have similar problems, would you please let me know. If enough people have this problem, I'll have to deep six the glowing buttons and go back to something simpler.

For that matter, if you have problems with any other parts of the site let me know that too so I can fix it.

Thanks!
Mike wy6k

www.qsl.net/wy6k

Do You Yahoo!?
Yahoo! Photos - 35mm Quality Prints, Now Get 15 Free!
<http://photos.yahoo.com/>

Message-ID: <005001c02e66\$a52cea60\$57f9cdd0@fpfzqlga>
From: "Don Ehrlich" <ehrlich@olypen.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "boatanchor message" <boatanchors@theporch.com>
Subject: Re: GB> Hmmmmm....
Date: Wed, 4 Oct 2000 17:46:44 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken,

I have had several rcvrs with that problem. My HQ180 was the latest one. After eliminating all of the obvious possibilities the HF oscillator was found to be the culprit. Changing tubes affected how severe it was, but nothing cured the problem until I put DC on the filament. Believe me, I tried every kind of isolation and bypassing imaginable. The hum did not show up on an oscilloscope ... and I think was probably due to fm of the hf oscillator. This kind of hum can be identified by the fact that (in my experience anyway) the hum is much worse on higher frequency bands where a greater frequency deviation occurs.

Don K7FJ

> Another Q for the group.
>
> My HQ-110-C is quiet as a graveyard on either AM or CW with no
> signal.
>
> CW signals are hum-modulated. Substituted a new BF0/OSC tube.
> Still have it. Sounds like a cathode to grid or to filament leak to me,
but
> can't find it.
>
> Ideas?
>
> Ken W7EKB
>

Date: Wed, 04 Oct 2000 21:41:39 -0400 (EDT)
From: MODSTEPH@ACS.EKU.EDU
Subject: 75A-3 product detector????
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <01JUICYUDW3M005ZFX@ACS.EKU.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Gang,

Swapped for a decent 75A-3 (one filter - 3.1 kcs) and got thinking... with that NBFM plug-in place, surely somebody out there has put in a good product detector. Anyone know if/where/when such plans may be?

And of course if anyone has the spare 800 cycle filter (F455B 8something, I think) I'd like to hear from them.

TIA

73, A1 N5AIT

Date: Wed, 04 Oct 2000 19:01:16 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: GB> Hmmmmm....
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchor message <boatanchors@theporch.com>
Message-id: <0G1X005H4PK13Y@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Don;

> I have had several rcvrs with that problem. My HQ180 was the latest one.
> After eliminating all of the obvious possibilities the HF oscillator was
> found to be the culprit. Changing tubes affected how severe it was, but
> nothing cured the problem until I put DC on the filament. Believe me, I
> tried every kind of isolation and bypassing imaginable. The hum did not
> show up on an oscilloscope ... and I think was probably due to fm of
> the hf oscillator. This kind of hum can be identified by the fact that
> (in
> my experience anyway) the hum is much worse on higher frequency bands
where
> a greater frequency deviation occurs.
>

I'm gonna postulate another cause: The heater circuit is getting into the act at RF. There is some kind of diode action going on between heater and cathode causing the impedance of the incidental RF circuit to be modulated at 60 Hz. Try bypassing the heater lead at the tube socket (if not already done) or try isolating the heater from the rest of the world with a few tens of microhenry RF choke. See what happens and let us know.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <00ee01c02e75\$2ecfde40\$db1f29d8@tneltcds>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: GB> Hmmmmm....
Date: Wed, 4 Oct 2000 22:36:34 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Re: Hum modulation of HF local oscillators.

It may be heater to cathode emission which is modulating the oscillator. (Ref: Radiotron Designer's Handbook) Try feeding the oscillator heater from a separate transformer, with no ground connection, and lift it about 20 volts above ground with a high impedance voltage divider across the B+. When the heater is positive with respect to the cathode, there can be no emission and no modulation. This worked fine with my SW-3; hum went WAY down.

Richard Brunner, AA1P, rbrunner@gis.net

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: My new web site
Date: Wed, 4 Oct 2000 22:04:13 -0500
Message-ID: <000601c02e78\$f0a3e540\$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,

For what it's worth, I am not a magpie. I am not attracted to glittering things or other forms of dancing baloney. If you've got something to say, say it simply. Omit the fancy backgrounds that make text hard to read. The text contains your message. The background is a distraction that took time to download.

Pictures are essential - they are each worth a thousand words or more. But let me select the ones I want to see in detail, instead of playing Solitaire while all of them download.

Never mind that certain feature-rich web page editors tempt you with all kinds of distractions. Marketing people never did understand that the idea is to convey information, not vaporous things that do not condense into reality. It may work for the folks who will buy anything on TV if it's under \$20 (but wait, there's more ...) but that's not who you're aiming at, is it?

OBBA (obligatory BA content) There's a discussion going on in the R390 list about the differences in design of R-390 regulated power supplies. Seems that later models regulate to closer tolerances, but the manuals say the circuits are the same. I've

got an old manual that says they're different. Any others?

Regards,
Bill Hawkins

Any BA sites of interest in Amsterdam on the 13th and 14th?

Date: Wed, 4 Oct 2000 22:38:35 -0500 (CDT)
From: Don Reaves <dr@cei.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 75A-3 product detector????
Message-ID: <Pine.LNX.4.10.10010042230400.2847-1000000@wa5bbs.radiohome.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Al, Take a look at the Universal Services Product Detector, which was a plug in for that NBFM socket, with minimal invasive surgery. You can see the full manual at www.militaryradio.com, including schematic. Looks easy enough to build in a minibox if you are handy with a hole punch and a soldering iron.

Regards,

Don Reaves
W5OR

Message-Id: <3.0.5.32.20001004212202.007bb690@pop.igc.org>
Date: Wed, 04 Oct 2000 21:22:02 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.org>
Subject: Tool Box Needed
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I need a new tool box. My faithful brown Kennedy box has served well over many years. But it's too small. I could buy something new at Sears I suppose but that would be too easy. No, what I'm hoping for is something classic, something along the lines of the tool boxes TV and radio service people carried when they made house calls. These were like the tube caddies but had spaces mainly for a tools, a VOM, soldering stuff and so on.

Does anyone have one of these they'd be willing to part with or know where one might be found? All leads appreciated.

Regards,

Dick

Dick Dillman, W6AWO
Member of the Maritime Radio Historical Society
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <4.2.0.58.20001005065022.00a64798@miavx1.muohio.edu>
Date: Thu, 05 Oct 2000 07:08:43 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Re: Replacement transistor in CU-5069 multicoupler
Cc: "boatanchors@theporch.com" <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Don,

I've also had the 2N5160 go dead in my CU-5069. Turns out the 2N5160 is a general purpose PNP low gain device, with thousands of adequate substitutions. I believe I replaced mine with a 2N2905 (might have been a 2N2907) from my junkbox, but any general purpose PNP transistor in the same package (TO-5) should work. The amplifier stage is such low gain that the frequency response of the transistor isn't really important (as I recall the 2N5160 is rated mostly for audio work). Be sure you put heat sink compound on the case and use the supplied heatsink.

Speaking of heat, it's also not a bad idea to reduce the heat dissipation of the CU-5069. I run mine off of 110V and set the internal voltage down to about 24 Volts. The unit runs hot because all those transistors are biased for linear service. Some people cool the units with a muffin fan, but I've not bothered. Mine runs 24 hours/day.

73,

Jim Garland W8ZR

>Back to the RCA CU-5069 m/c unit - some time ago I found one of my units
>had gone very dead - the 2N5160 in the hi level driver stage was gone.
>This transistor doesn't appear in any cross refs I have, or any of the
>parts houses either, and internet searches haven't been too helpful either.

>Any ideas for a source or a good bet for a sub?

>

>

>73 Don

>VE6JY

>

>VE6JY Don Moman email: ve6jy@freenet.edmonton.ab.ca

>Box 127 Lamont, Alberta email forwarding: ve6jy@rac.ca

>CANADA T0B 2R0

W8ZR Amateur Radio Website: <http://www.muohio.edu/~4cx250b/web/>

Date: Thu, 5 Oct 2000 08:05:03 -0400

From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>

Subject: RE: BA Batteries info

To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <200010050805_MC2-B5C7-3BCD@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;

charset=ISO-8859-1

Content-Disposition: inline

Larry,

BA-1288/U 1.3V flat contact mercury cell 1.20"dia 0.65" high

BA-1318/U 5.2V flat contact mercury bat 0.64" dia 1.045" high

Try S&G Electronic in Philadelphia. 215/474-7663. They also have a web site that's been posted here and/or on Milsurplus.

> Does anyone have any military battery info for BA-1318/u and =

BA-1288/u? What the voltages are for these or where I can get some? I =

need them for a IM-108 Radiacmeter.

<

73,

Robert Downs

<RWDowns_WA5CAB@compuserve.com>

Houston

Message-ID: <39DC73D1.E62D8237@bw.webex.net>
Date: Thu, 05 Oct 2000 08:28:01 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Replacement transistor in CU-5069 multicoupler
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim, Don, and the Group,

I respectfully wish to differ with Jim's suggestion. The 2N5160 is a PNP 5-Watt RF power transistor with a transistion frequency ($F_{sub T}$) of 500Mhz minimum. Replacing it with a low frequency device will almost surely degrade the LINEARITY of the system resulting in (possibly subtle)intermodulation problems. What to do?

Use the Google search engine <http://www.google.com/> to search on 2N5160 . This silly thing appears to search the text of the ENTIRE WEB, and will find parts in individual inventory lists. Saw one source offering them for less than \$2.00.

Best regards,
Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Six Metres, anyone?
Date: Thu, 5 Oct 2000 08:45:49 -0400
Message-ID: <LOBBJH0LOOHLIPLONIAFEENDDDA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Brien,

I've picked up a few 6M AM rigs, like the Lafayette HA-460, and a Polycomm 6.

The band opens up very few days, (sometimes every day,) for a few hours, and sometimes almost all day, depending on MUF.

The main AM calling freq is 50.4 and 50.125 for SSB. Activity is somewhat "modest" here in Canada, but the the ops are very enthusiastic. There is a very eager gang here in Ottawa who monitor the band all the time, (SSB 50.125, etc.)

There are always guys listening on 50.4 AM.

Yes, grab one of those rigs, get it on the air and have fun. BTW, with atransverter, and an IF rig that runs FM, you can work the several FM repeaters in the Toronto area.

Some days, the MUF is high enough, and conditions good enough to work well into Europe and UK. Great band; love it.

73
Ed
VA3ES

> -----Original Message-----

> From: Brien Pepperdine

> Sent: Wednesday, September 20, 2000 12:11 PM

>

>

> Anyone one here familiar with or doing any operation on Six Metres?

>

From: "Ed Sieb" <sieb@sympatico.ca>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: Shure Hand Mic

Date: Thu, 5 Oct 2000 09:29:31 -0400

Message-ID: <LOBBJH0LOOHLIPLONIAFMENDDAA.sieb@sympatico.ca>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The Shure 404 is a hand-held version of a 444. Basically, it's Hi-Z. If the TR-3 accepts Hi-Z mics, then this would be an excellent choice.

73

Ed
VA3ES

> -----Original Message-----
> From: David Jordan
> Sent: Tuesday, September 26, 2000 9:17 AM
>
> I've got a Shure 404C handmike...
> Would like to know what the impedance of the mic
> is...wondering if it will work with my TR3?
>

Message-ID: <004401c02ed4\$e698ec60\$e958143f@default>
From: "w2tu" <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TR4 fs
Date: Thu, 5 Oct 2000 10:02:05 -0400

Gentlemen:

Still have the Drake TR4 for sale. It is in nice, clean shape and does work. Used it at the Shipboard stn. this summer. (USS THE SULLIVANS). Has MS4 speaker-ps, swan mike, extra set of finals (used) and full manual (copy).
Looking for \$300 + shipping or Best offer+.

Tnx

Paul B. W2TU

Message-Id: <4.2.0.58.20001005074546.00bbbc80@pop3.eimac.cpii.com>
Date: Thu, 05 Oct 2000 07:57:14 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
Subject: Forest Service Radio Type KU-R
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello to the group

I have this receiver , and would like to know a little bit more about it. It is about 6 inches square and has a NC tuning dial and a volume , squelch , power on/off switch and a spot freq.? manual tune switch located

on it's small front panel .The back of the radio has a plug for external power and control . The control I guess was to the matching xmtr??? The front panel has etched into it : U.S. Dept of Agriculture , Forest Service Type KU-R model A receiver , made by Oregon Electronics in Portland.

Any info appreciated.

Thank you

Paul

N6FEG

Message-ID: <00a201c02ee4\$b813cb20\$378abd18@n4fs>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: Replacement transistor in CU-5069 multicoupler
Date: Thu, 5 Oct 2000 11:55:40 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was just going to make a post respectfully disagreeing with Jim's assessment of the 2N5160 when I saw that Al Klase had already done so. I recognized the number and knew that I used many of them in my youth. They were the PNP equivalents for the 2N3866 and the 2N5109 and if any of you built any RF stuff 20 or more years ago with SS devices you would certainly recognize those numbers. In either case I support Al's comments. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Sent: Thursday, October 05, 2000 7:08 AM
Subject: Re: Replacement transistor in CU-5069 multicoupler

> Hi Don,

> I've also had the 2N5160 go dead in my CU-5069. Turns out the 2N5160 is a
> general purpose PNP low gain device, with thousands of adequate
> substitutions. I believe I replaced mine with a 2N2905 (might have been a
> 2N2907) from my junkbox, but any general purpose PNP transistor in the
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> package (TO-5) should work. The amplifier stage is such low gain that the
> frequency response of the transistor isn't really important (as I recall
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> compound on the case and use the supplied heatsink.
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> of the CU-5069. I run mine off of 110V and set the internal voltage down
to
> about 24 Volts. The unit runs hot because all those transistors are biased
> for linear service. Some people cool the units with a muffin fan, but I've
> not bothered. Mine runs 24 hours/day.
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> 73,
>
> Jim Garland W8ZR
>
>
>
>
> >Back to the RCA CU-5069 m/c unit - some time ago I found one of my units
> >had gone very dead - the 2N5160 in the hi level driver stage was gone.
> >This transistor doesn't appear in any cross refs I have, or any of the
> >parts houses either, and internet searches haven't been too helpful
either.
> >Any ideas for a source or a good bet for a sub?
> >
> >
> >73 Don
> >VE6JY
> >
> >VE6JY Don Moman email: ve6jy@freenet.edmonton.ab.ca
> >Box 127 Lamont, Alberta email forwarding: ve6jy@rac.ca
> >CANADA T0B 2R0
>
>
>
> *****
> W8ZR Amateur Radio Website: <http://www.muohio.edu/~4cx250b/web/>
> *****
>
>

Message-Id: <200010051615.e95GF1X23109@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Using The Archives
Date: Thu, 5 Oct 2000 11:15:01 CDT

Gang-

!!!THIS INFORMATION HAS CHANGED!!!!

!!!SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by the Web... quickly and easily.
These files can also be accessed by email.

For WWW access:

- go to <http://www.theporch.com>
- select "Mailing List Web Interface"
- on your first time there, click "Register For Full Account"
- follow the instructions, and BE SURE you use the email address that you have your BoatAnchors mail addressed to -- this interface will work ONLY for members of the list!

Once registered, you can:

- search the archives of previous posts (so far we haven't loaded all the previous posts online, but that is in the works;
- download the index of files;
- retrieve individual files
- manage your subscription via the web interface

AWESOME!

For email access:

Step One:

- send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:
index boatanchors

NOTE: The index *includes* all the previous articles now available through the web interface, so the index is HUGE and difficult to search -- the web interface is much easier.

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:
get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Thu Oct 5 11:15:01 CDT 2000

Message-Id: <v03007806b602533be9ba@[132.235.46.157]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"
Date: Thu, 5 Oct 2000 12:32:17 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Eico mpx adapter
Cc: russ dworakowski <wb3fau@hotmail.com>

Russ,

Believe that to be the Eico MX99. Schematic source below.

<<<http://www.engr.uark.edu/~lar/mx99pg1.gif>>

<<<http://www.engr.uark.edu/~lar/mx99pg2.gif>>

I believe it matches the ST-40 and your tuner. I have the combo. There is no good reason why just about any tube mono FM tuner or receiver cannot be adapted to feed one of these. As I recall from foggy (old foggy?) memory, you can tap the audio feed from the discriminator or ratio detector just before the deemphasis circuit.

This list is for tube stuff, not just ham stuff. May have to temporarily tap into my SX-42 and see how well it handles stereo :-)
With some fresh caps and a deoxit of the bandswitch, loctal tube contacts, etc, it handles FM quite well. Should be able to handle at least the more powerful stereo stations.

73,

Rich

<fontfamily><param>Geneva</param>

<<<http://oak.cats.ohiou.edu/~postr/bapix/>> </fontfamily>

my Eico

>HFT-90 tuner and how surprisingly well it still

>works for 1960 vintage. It is mono, and I have

>never seen a multiplex adapter for it.

>a tubed item]. Does anybody have one of these or info?

Message-Id: <4.3.2.7.2.20001005132042.00ca4400@sdct-sunsv1.ncsl.nist.gov>
Date: Thu, 05 Oct 2000 13:27:21 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Morgan <roy.morgan@nist.gov>
Subject: WTB Tek 543 Manual, for Museum.
Cc: Brian Belanger <bcbelanger@aol.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Boatanchorites,

Wanted, for The Radio History Society museum workshop:

Manual for their Tektronix 543 Oscilloscope. (Have scope, need manual!)

Tax deductible donations accepted (for all or part of fair value of manual.)

For info on the museum, see;

<http://www.radiohistory.org/>

Reply direct, or to Brian Belanger <bcbelanger@aol.com>

Thanks for your help!

Roy

-Keep em glowing!

Roy Morgan, K1LKY since 1959

7130 Panorama Drive

Derwood MD 20855

301-330-8828

roy.morgan@nist.gov

Date: Thu, 5 Oct 2000 13:56:52 -0400 (EDT)

From: John Poulton <jp@cs.unc.edu>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Wrapping Power Tubes??wq

Message-ID: <Pine.GHP.4.10.10010051337240.25871-100000@mira.cs.unc.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Do any of you ladies/gents know what the heck that stuff is that was used to wrap and protect larger tubes back in the good old days? This material has a brown paper backing and a substantial thickness of brown spongy paper-like material attached to it. It's just what you need to absorb the brutal jolts the USPS applies to those delicate firebottles inside a package.

This isn't a completely idle question: I've got to ship some big tubes (they'll be on the way soon, Don!), and I'd really like to find a source for this stuff, whatever it is.

Any ideas??

Thanks much!

John Poutlon KF40ZY

End of BOATANCHORS Digest 3001
